

Sándwich plate for protection from explosive mines

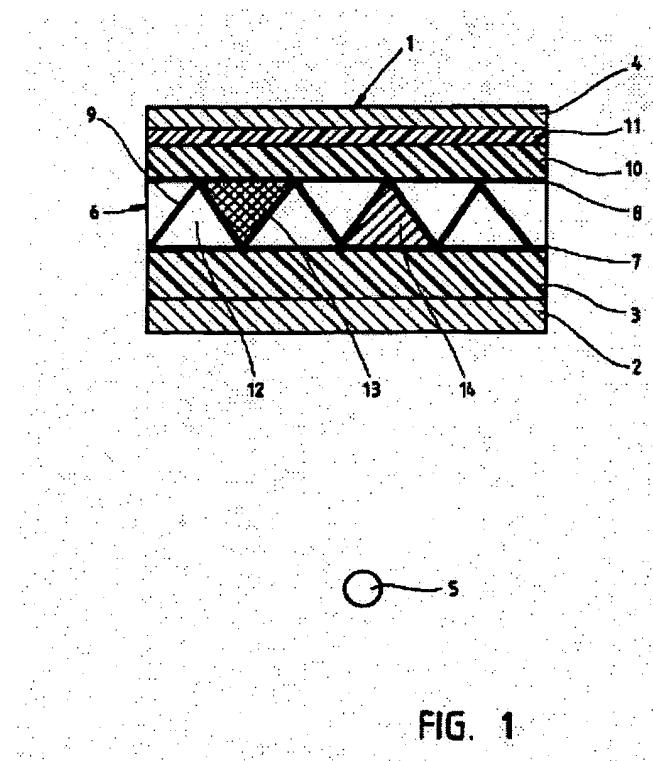
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Cited documents:
 US2405590
 US2733177
 WO9617219
 DE4122876
 US3604374
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Abstract of EP0897097

The sandwich protective plate material has thin metal plates, using a very hard metal with high expansion. The leading hard foam layer (3), towards the effects of a blast, has a bulk density of at least 100 kg/m³. A dynamic and pressure-resistant plate (11) is of plastics. The structured components (6) are of a relatively light and stiff material, resistant to bending, with a high plastic take-up, using a metal and/or a plastics and especially an elastomer with carbon or glass fibre reinforcement. The thin limit layers (7,8) are of multi-angle or otherwise shaped and/or corrugated intermediate layers (9) or intermediate bodies which are bonded to give open passage channels (12) or spaces between the limit layers (7,8), or flat part-spaces.



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